

EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|--|------------------------------|------------------|---------|---------------------|
| L5 | 15061 | (345/76,77,80,82,83,204-206,690-693,208,210-213).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/01/16 23:04 |
| L6 | 3 | L5 AND (stepped with threshold with voltage) AND (@pd<"20021018" OR @ad<"20021018" OR @rlad<"20021018" OR @prad<"20021018") | US-PGPUB; USPAT | OR | ON | 2010/01/16 23:04 |
| L7 | 23 | L5 AND (step\$4 with (greater larger higher more) with threshold with voltage) AND (@pd<"20021018" OR @ad<"20021018" OR @rlad<"20021018" OR @prad<"20021018") | US-PGPUB; USPAT | OR | ON | 2010/01/16 23:05 |
| L8 | 10 | ("5812104").URPN. | USPAT | OR | ON | 2010/01/16 23:06 |
| L9 | 79 | ("5302966").URPN. | USPAT | OR | ON | 2010/01/16 23:07 |
| L10 | 72 | L9 AND (@pd<"20021018" OR @ad<"20021018" OR @rlad<"20021018" OR @prad<"20020418") | USPAT | OR | ON | 2010/01/16 23:07 |
| S1 | 1 | ("20060043371").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/02/06 12:29 |
| S2 | 10871 | (345/76,77,80,82,83,204-206,690-693,208,210-213).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/02/06 13:16 |
| S3 | 11 | ((("6014119") or ("5684365") or ("5723950") or ("6191534") or ("6809710") or ("7002536") or ("6753834") or ("5170155") or ("6384804") or ("6777888") or ("6377234")).PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/02/06 14:44 |
| S4 | 5 | S2 AND ((step\$4 near ramp\$4 near (voltage wave\$5)) OR (ramp with ((pulse adj code adj modulat\$4) OR PCM))) | US-PGPUB; USPAT | OR | ON | 2008/02/06 15:01 |
| S5 | 13 | S2 AND ((step\$4 near2 ramp\$4 near2 (voltage wave\$5)) OR (ramp with ((pulse adj code adj modulat\$4) OR PCM))) | US-PGPUB; USPAT | OR | ON | 2008/02/06 15:19 |

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|-----|-------|--|------------------------------|----|-----|---------------------|
| S6 | 10 | S2 AND (step\$4 near2 ramp\$4 near2 (signal)) | US-PGPUB; USPAT | OR | ON | 2008/02/06 15:25 |
| S7 | 1301 | S2 AND (PWM (pulse adj width adj modul\$4) (pulse adj density adj modul\$4) PPM (pulse adj position adj modul\$4)) | US-PGPUB; USPAT | OR | ON | 2008/02/06 15:28 |
| S8 | 639 | S2 AND (PWM (pulse adj width adj modul\$4) (pulse adj density adj modul\$4) PPM (pulse adj position adj modul\$4)) AND capacitor | US-PGPUB; USPAT | OR | ON | 2008/02/06 15:32 |
| S9 | 180 | S2 AND (PWM (pulse adj width adj modul\$4) (pulse adj density adj modul\$4) PPM (pulse adj position adj modul\$4)) AND (ramp\$4 stepped) | US-PGPUB; USPAT | OR | ON | 2008/02/06 16:43 |
| S10 | 451 | S2 AND ((step\$4 ramp\$4) with capacitor) | US-PGPUB; USPAT | OR | ON | 2008/02/06 16:44 |
| S11 | 42 | S2 AND (((step\$4 ramp\$4) with capacitor) same (boost add\$3 sum \$3)) | US-PGPUB; USPAT | OR | ON | 2008/02/06 16:45 |
| S12 | 64 | S2 AND (((step\$4 ramp\$4) with capacitor) same (boost add\$3 sum \$3 shift\$3)) | US-PGPUB; USPAT | OR | ON | 2008/02/06 17:17 |
| S13 | 89 | S2 AND (transistor near2 linear) | US-PGPUB; USPAT | OR | ON | 2008/02/06 18:42 |
| S14 | 5 | ((("6239780") or ("5977940") or ("6249269") or ("6329974") or ("6525709")).PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/02/06 18:37 |
| S15 | 154 | S2 AND (transistor near2 saturation) NOT (transistor near2 linear) | US-PGPUB; USPAT | OR | ON | 2008/02/06 18:43 |
| S16 | 5 | ("5952789" "6157356" "6229508" "6384804" "6486606").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/02/07 13:54 |
| S17 | 3 | ((("20060022204") or ("20060066622") or ("20070262928")).PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/02/11 13:50 |
| S18 | 11993 | (345/76,77,80,82,83,204-206,690-693,208,210-213).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/12 11:04 |

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|-----|----|--|------------------------------|----|-----|---------------------|
| S19 | 23 | S18 AND (step\$4 with (greater larger higher more) with threshold with voltage) AND (@pd<"20021018" OR @ad<"20021018" OR @rlad<"20021018" OR @prad<"20021018") | US-PGPUB; USPAT | OR | ON | 2008/08/12 11:04 |
| S20 | 3 | S18 AND (stepped with threshold with voltage) AND (@pd<"20021018" OR @ad<"20021018" OR @rlad<"20021018" OR @prad<"20021018") | US-PGPUB; USPAT | OR | ON | 2008/08/12 11:11 |
| S21 | 10 | ("5812104").URPN. | USPAT | OR | ON | 2008/08/12 11:13 |
| S22 | 4 | S18 AND (step\$4 near voltage same threshold) AND (@pd<"20021018" OR @ad<"20021018" OR @rlad<"20021018" OR @prad<"20021018") | US-PGPUB; USPAT | OR | ON | 2008/08/12 11:18 |
| S23 | 4 | ((("6229506") or ("20050156829") or ("7061452") or ("20030122745"))).PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/12 14:50 |
| S24 | 1 | ("5,302,966").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/07/21 18:59 |
| S25 | 75 | ("5302966").URPN. | USPAT | OR | ON | 2009/07/21 19:07 |
| S26 | 70 | S25 AND (@pd<"20021018" OR @ad<"20021018" OR @rlad<"20021018" OR @prad<"20020418") | USPAT | OR | ON | 2009/07/21 19:09 |

EAST Search History (Interference)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|--|-----------------------------|------------------|---------|---------------------|
| L1 | 15555 | (345/76,77,80,82,83,204-206,690-693,208,210-213).CCLS. | US-PGPUB; USPAT; UPAD | OR | OFF | 2010/01/16 22:32 |
| L2 | 13 | L1 AND ((stepped discrete) near waveform).clm. | US-PGPUB; USPAT; UPAD | OR | ON | 2010/01/16 22:32 |
| L3 | 30 | L1 AND (active adj region).clm. | US-PGPUB; USPAT; UPAD | OR | ON | 2010/01/16 22:40 |

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|-----|-------|--|-----------------------------|----|-----|---------------------|
| L4 | 43 | L1 AND (linear adj region with transist\$3).clm. | US-PGPUB; USPAT; UPAD | OR | ON | 2010/01/16 22:45 |
| S27 | 15555 | (345/76,77,80,82,83,204-206,690-693,208,210-213).CCLS. | US-PGPUB; USPAT; UPAD | OR | OFF | 2010/01/16 12:51 |
| S28 | 18 | S27 AND ((stepped discrete) near voltage).clm. | US-PGPUB; USPAT; UPAD | OR | ON | 2010/01/16 12:52 |

1/ 16/ 2010 11:09:05 PM**C:\ Documents and Settings\rrainey\ My Documents\ EAST\ Workspaces\ 10531605-Steer.wsp**